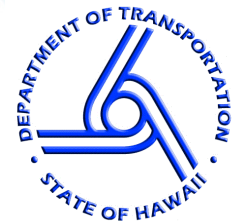


Hanapepe River Bridge Improvement Project Public Meeting

Wednesday, September 16, 2015, 6:30 PM – 7:30 PM
Hanapepe Public Library



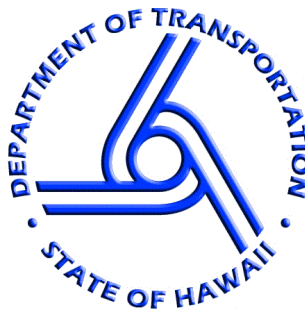
U.S. Department
of Transportation
**Federal Highway
Administration**



Hanapepe River Bridge: Welcome and Introduction



U.S. Department
of Transportation
**Federal Highway
Administration**



Hanapepe River Bridge: Meeting Goals

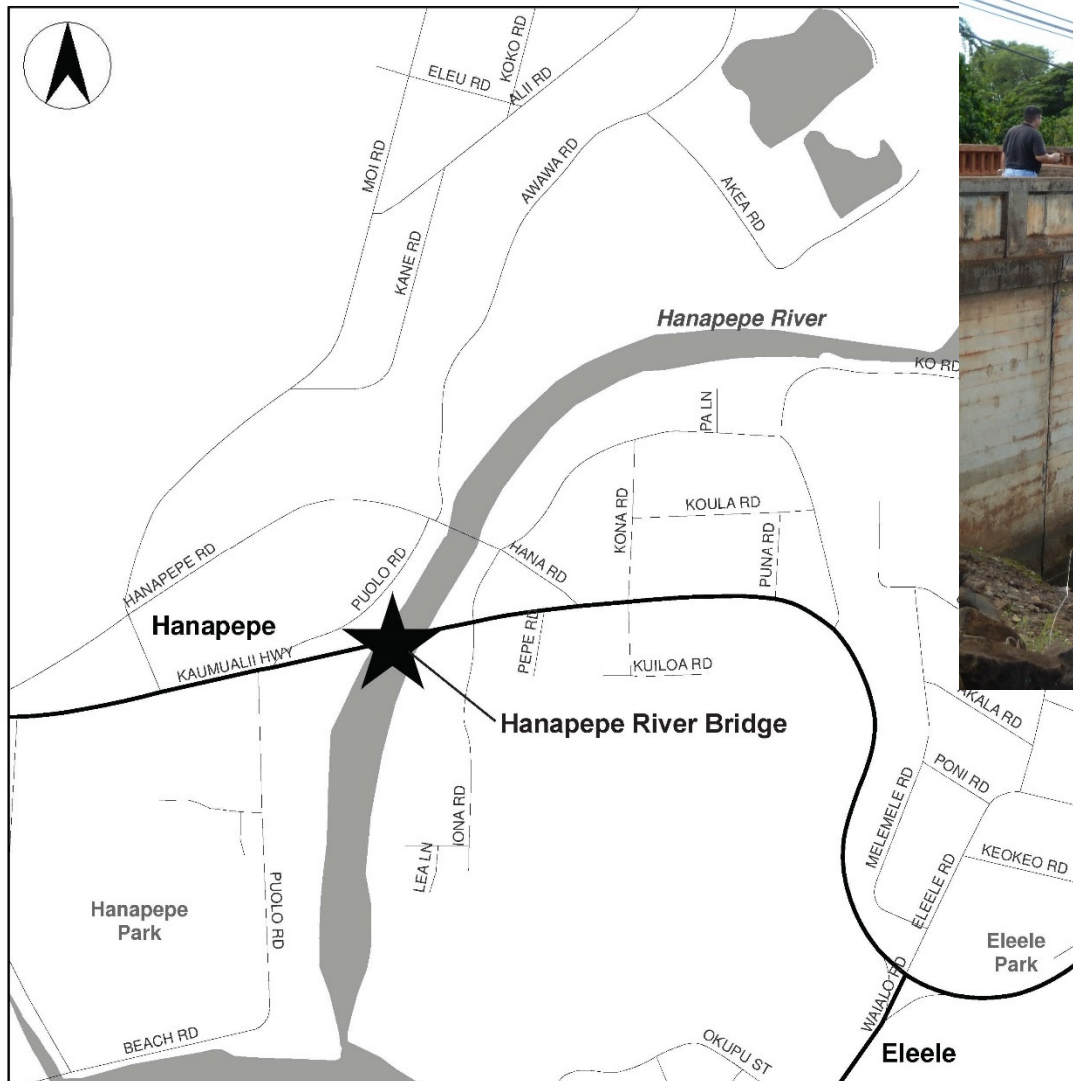
I. Provide an overview of the project:

- The purpose and need for the project
- The proposed alternatives and project schedule
- How we plan to manage traffic during construction

II. Obtain community feedback



Hanapepe River Bridge: Project Location



Hanapepe River Bridge: Project Background

- Built in 1938
- 3-Span reinforced concrete bridge
- 275' long x 38' wide
- Structurally deficient, needs seismic and load upgrades



Hanapepe River Bridge: Project Background

- Bridge rail has deteriorated and does not meet current crash standards.



Hanapepe River Bridge: Project Goals

- **Maintain a safe and functional stream crossing on Kaumualii Highway for all highway users**
- **Retain design similarities**



Hanapepe River Bridge: Alternatives Being Considered

- **Rehabilitation**
- **Replacement**
- **No Build**



Hanapepe River Bridge: Replacement Alternative

Design with minimal changes

Bridge Structure

- Alternative 1 Girder Appearance
- Alternative 2 Girder Appearance

Roadway

- 2-12' lanes, 2-8' shoulders, 2-5' sidewalks
- Match existing alignment and profile
- Meet 35 mph speed limit requirements

Hydraulics

- Minimize change to the flood elevation
- Improve scour protection

Utilities

- Replace existing 12" waterline
- Replace existing 12" sewerline
- Maintain electrical and telecommunication lines

Right-of-Way: Some permanent easements for maintenance access and temporary construction easements



Hanapepe River Bridge: Existing Bridge

Before



Hanapepe River Bridge: Proposed Project – Alternative 1



After

Hanapepe River Bridge: Proposed Project – Alternative 2



After

Hanapepe River Bridge: Existing Bridge Rails and End Post

Before



**West
Side**

Hanapepe River Bridge: Existing Bridge Rails and End Posts

Before



East Side

Hanapepe River Bridge: Proposed Bridge Rails and End Posts

After

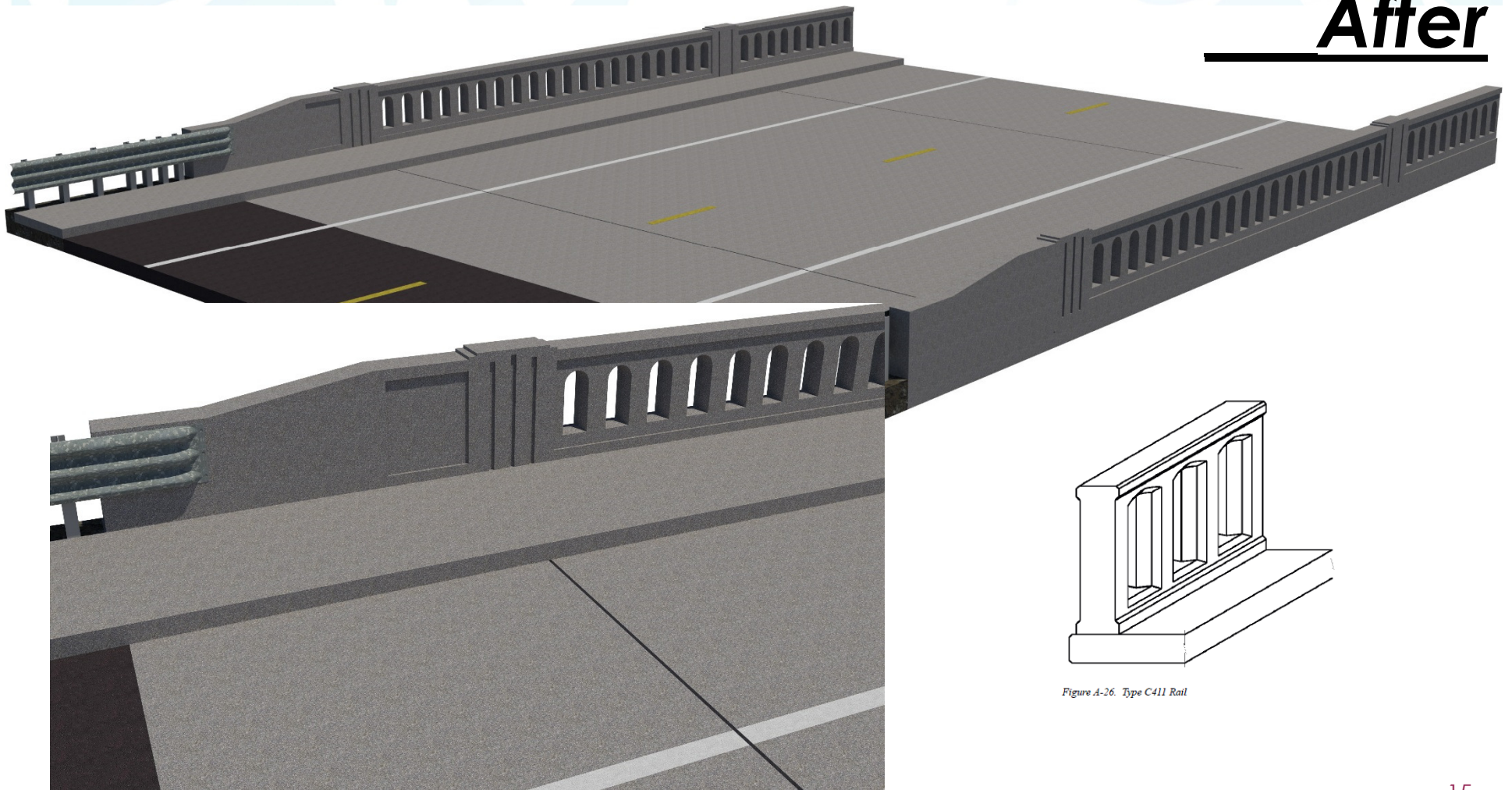
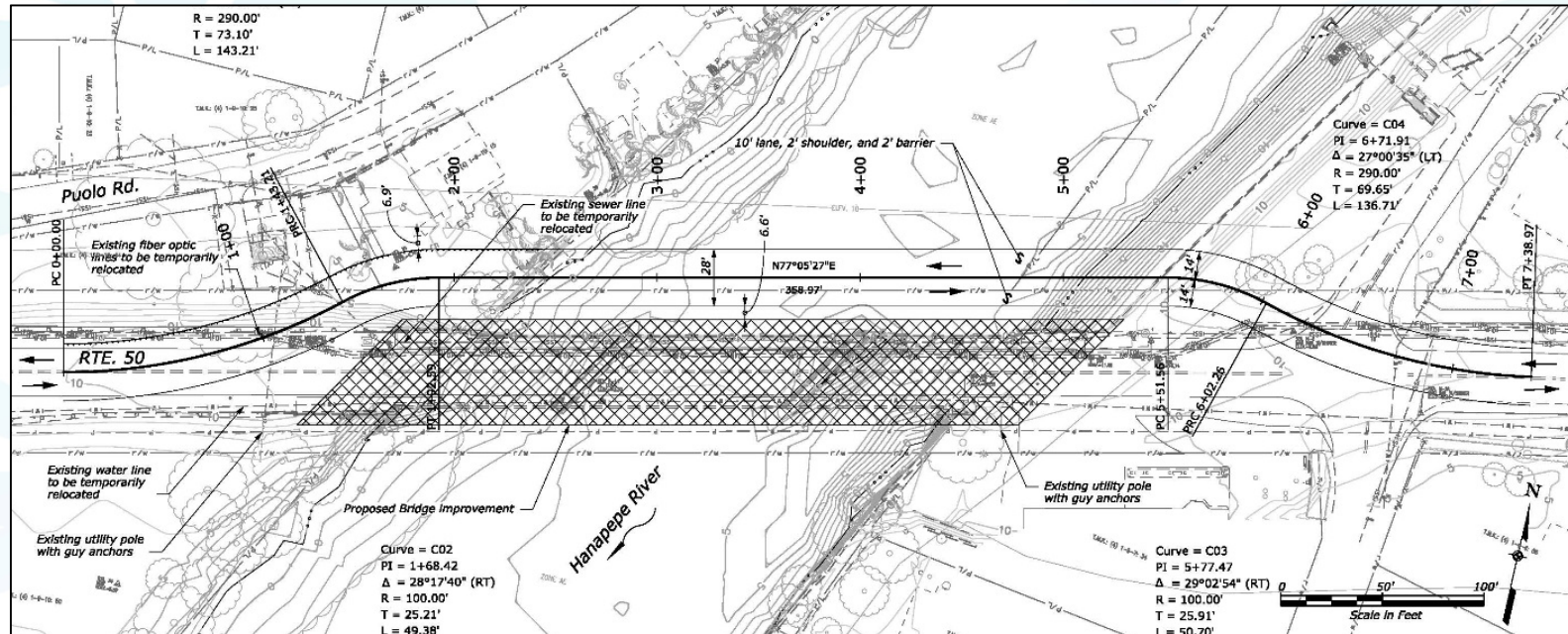


Figure A-26. Type C411 Rail

Hanapepe River Bridge: Traffic Management



- Maintain two-way access
- Detour motor vehicles on the mauka side of the bridge
- Bikes and Pedestrians will be able to cross on the County bridge
- Coordination with County and Emergency responders
- Local access for residents will remain open

Hanapepe River Bridge: Project Schedule

- **Environmental Assessment:** Winter 2015
- **Design:** Spring 2016
- **Construction**
 - Anticipated Advertisement
 - *Winter 2016*
 - Duration:
 - *Approximately 18 months*
 - Work Hours:
 - *Weekday, limited night work anticipated*

FHWA Central Federal Lands Bridge Program: Kauai Projects

- **Hanapepe River Bridge, Kaumualii Highway**
- **Bridge 7E, Kaumualii Highway**
- **Wainiha Bridges, Kuhio Highway**
- **Kuhio Highway/Mailihuna Road Intersection and Kapaa Stream Bridge**

Hanapepe River Bridge: Contacts

- **Points of contact:**

- Mike Will, FHWA, 720-963-3647, Michael.will@dot.gov

- **Project Website:**

- <http://flh.fhwa.dot.gov/hanapepe>

Please place your comment cards in the box

MAHALO for your participation!

Hanapepe River Bridge: Q/A Session

- **Questions?**
- **Concern?**
- **Feedback?**

